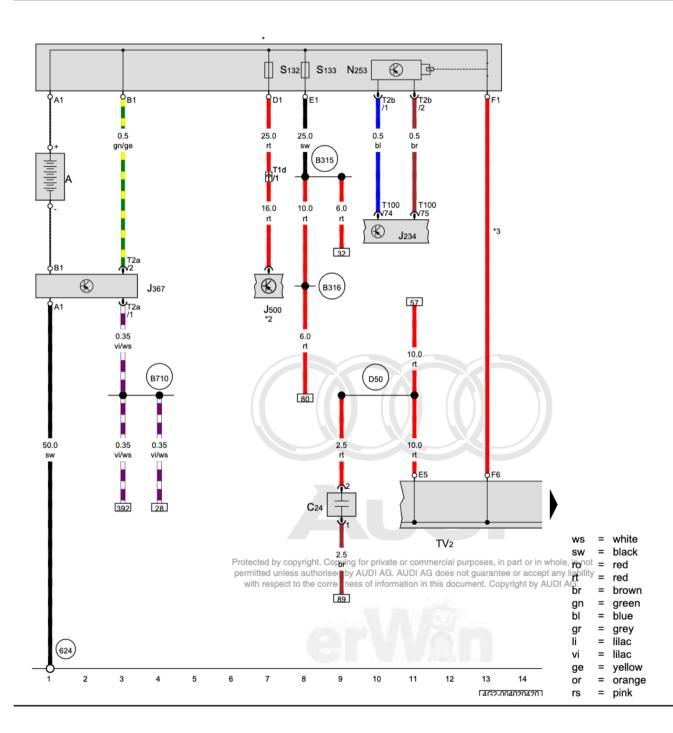
3.0L Diesel Engine , CDUC,CDUD,CKVB,CKVC,CLAA,CLAB,CPNB From January 2011



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Battery, Suppressor, Battery Monitoring Control Module, Battery Interrupt Igniter, Terminal 30 Wire Junction

- Battery C24 Suppressor J234 Airbag Control Module **Battery Monitoring Control Module** Power Steering Control Module Battery Interrupt Igniter, Near the Battery S132 Safety Fuse 2 S133 Safety Fuse 3 1-Pin Connector, On the Left Front of the Vehicle Floor, Black T1d 2-Pin Connector 2-Pin Connector, Yellow Terminal 30 Wire Junction. In the Center Plenum Chamber T100 100-Pin Connector 624 **Ground Connection near Starter Battery** Positive Connection 1 (30a) (in Main Wiring Harness) Positive Connection 2 (30a) (in Main Wiring Harness) (B710) LIN Bus Connection 5 (in Main Wiring Harness)
- Positive Connection (30) (in Engine/Motor Compartment Wiring Harness)
 - Main Fuse Carrier in the Right Rear Luggage Compartment, at the Battery
 - *2 Refer to Applicable Wiring Diagram
 - *3 Flat Conductor

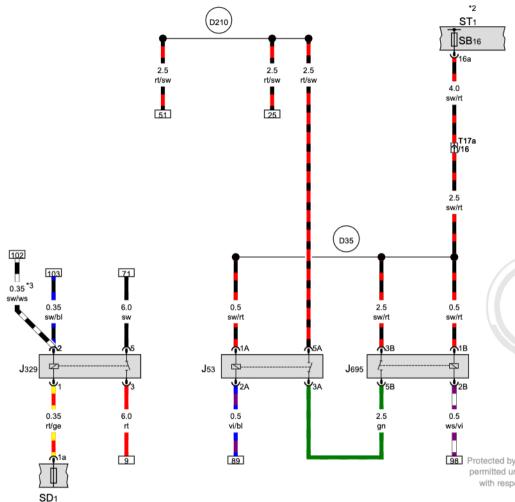
4 0.35 vi/ws 36 2.5 0.35 rt/sw vi/ws U₆ 2.5 rt/sw 257 256 264 269 4.0 10.0 50.0 B2A Ø S104 S42 С C₁ = white TV2 = black = red = red = brown rc⊮l purpos s, in part or in wh = green Protected by copyright. Copying for private or commercial le, is not = blue permitted unless authorised by AUD AG. AUDI AG do s not gui antee or accept a with respect to the correctness of nformation in this Copyright by AU = grey = lilac (13) (685) = lilac = yellow 23 16 17 20 21 22 25 26 27 28 = orange or 4G2-004030420 rs = pink

Starter, Generator, Terminal 30 Wire Junction

- B Starter
- C Generator
- C1 Voltage Regulator
- 42 Radiator Fan Fuse
- S104 Radiator Fan Second Speed Fuse
- [2gl 2-Pin Connector
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- TV2 Terminal 30 Wire Junction, In the Center Plenum Chamber
- T5 5-Pin Connector, In the Center Plenum Chamber, Black
- U6 Battery Jump Start Terminal
- 13 Ground Connection in Engine/Motor Compartment, Right
- (685) Ground Connection 1 on Right Front Longitudinal Member
 - * For Vehicles with Tiptronic

30

Wiring Diagram



Starter Relay, Terminal 15 Power Supply Relay, Starter Relay 2

- J53 Starter Relay
- J329 Terminal 15 Power Supply Relay
- J695 Starter Relay 2
- ST1 Fuse Panel 1
- SD1 Fuse 1 (On Fuse Panel D)
- SB16 Fuse 16 (On Fuse Panel B)
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- (D35) Positive Connection 1 (15a) (in Engine Pre-Wiring Harness)
- (D210) Connection 50 (in Engine/Motor Compartment Wiring Harness)
 - * Refer to Applicable Standard Equipment Wiring Diagram
 - 2 Refer to Applicable Wiring Diagram for Fuse Positions
- *3 For RHD Vehicles

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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

41

4G2-004040420

= white

(D101) rt/gr 81 221 82 71 79 ected by copyright 4.0 Thercial reposes rigrepart or in whole, is not i does ret guararese or accept any liability AUDI A AUDI / nitted unless autl th respect to the nent. Copyright by AUDI AG. s of info nation this doc 1.5 2.5 *3 2.5 2.5 1.0 0.5 78 rt/gr **1**3 10 12 SA SA₃ SA₄ SA13 SA₁₂ ||SA9 SA10 |||SA16 SA₁ **₽**10a **₽**12a **4**16a 1.5 *3 0.35 sw/rt 2.5 0.75 1.0 bl/rt 0.35*7 ws/gn sw/vi rt/ws rt/sw 95 96 85 197 rt/sw 93 D103 0.35 0.35 rt/sw = white Т17b 1⁄6 = black = red 0.35 = red rt/sw = brown = green **(K) (K)** = blue = grey **J**217 **J**532 N509 **J**217 = lilac *2 *2 = lilac = yellow 50 51 52 53 54 55 = orange or 4G2-004050420 rs = pink

Fuse Panel A

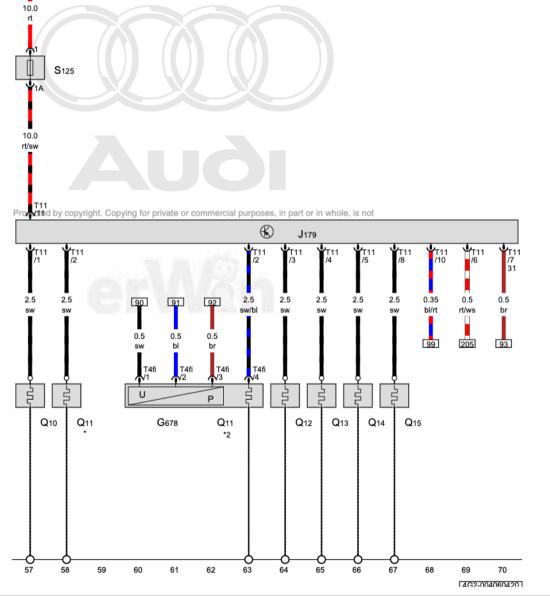
- J217 Transmission Control Module Voltage Stabilizer N509 Transmission Fluid Cooling Valve Fuse Panel A SA Fuse 1 (On Fuse Panel A) Fuse 3 (On Fuse Panel A) Fuse 4 (On Fuse Panel A) Fuse 6 (On Fuse Panel A) Fuse 9 (On Fuse Panel A) SA10 Fuse 10 (On Fuse Panel A) SA12 Fuse 12 (On Fuse Panel A) SA13 Fuse 13 (On Fuse Panel A) SA16 Fuse 16 (On Fuse Panel A) T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
- (D101) Connection 1 (in Engine/Motor Compartment Wiring Harness)
- (D103) Connection 3 (in Engine/Motor Compartment Wiring Harness)
 - For Vehicles with Start/Stop System
- *2 Refer to Applicable Wiring Diagram for Automatic Transmission
- *3 Diameter Depends on Equipment
- 4 For Vehicles Without Start/Stop System
- *5 For Vehicles with a Manual Transmission
- *6 Depending on Equipment
- *7 From June 2011
- *8 Running Change

11

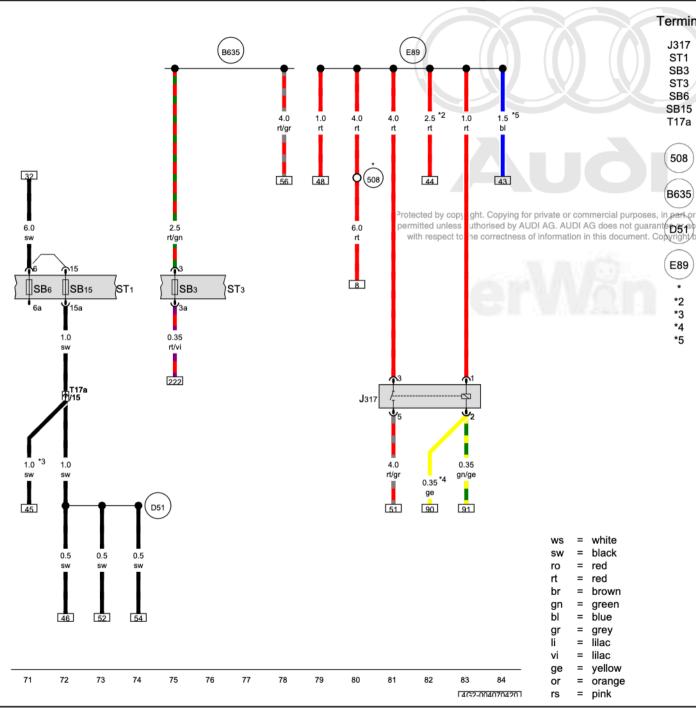
Cylinder 2 Combustion Chamber Pressure Sensor, Automatic Glow Time Control Module

- G678 Cylinder 2 Combustion Chamber Pressure Sensor J179 Automatic Glow Time Control Module Q10 Glow Plug 1
- Q11 Glow Plug 2
- Q12 Glow Plug 3 Q13 Glow Plug 4
- Q14 Glow Plug 5 Q15 Glow Plug 6
- S125 Glow Plug Fuse
- T4fi 4-Pin Connector
- T11 11-Pin Connector, Black

 * Not with Emissions Standard Euro 6
- 2 For Emissions Standard Euro 6



= white = black = red



Terminal 30 Power Supply Relay

- J317 Terminal 30 Power Supply Relay
- ST1 Fuse Panel 1
- SB3 Fuse 3 (On Fuse Panel B)
- ST3 Fuse Panel 3
- SB6 Fuse 6 (On Fuse Panel B)
- SB15 Fuse 15 (On Fuse Panel B)
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- 508 Terminal 30 Threaded Connection (On E-Box)
- (B635) Positive Connection 3 (87) (in Main Wiring Harness)
 - or in whole, is not acceptainted by the compartment wiring the Harness (1997)
- (E89) Positive Connection (30a) (in Engine Wiring Harness)
- * Threaded Connection in the Plenum Chamber E-Box
- 2 Diameter Depends on Equipment
- *3 For Vehicles with a Manual Transmission
- *4 From June 2011
- *5 Running Change

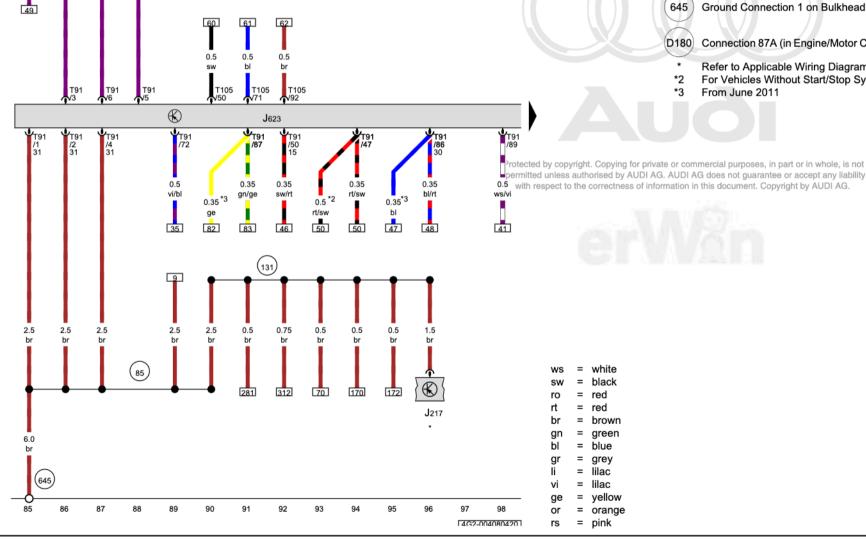
2.5

2.5

Wiring Diagram

Engine/Motor Control Module

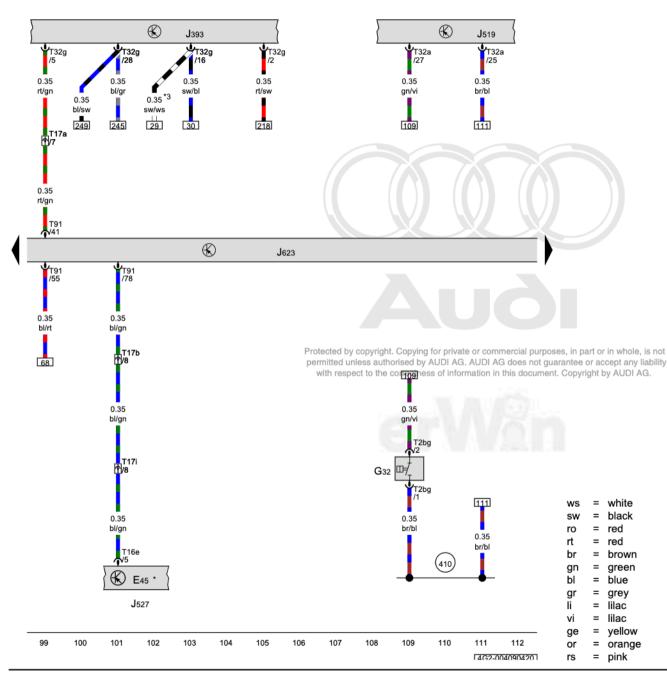
- J217 Transmission Control Module
- Engine/Motor Control Module
- 91-Pin Connector, Black
- T105 105-Pin Connector, Black
- Ground Connection 1 (in Engine/Motor Compartment Wiring 85
- Ground Connection 2 (in Engine/Motor Compartment Wiring 131 Harness)
- Ground Connection 1 on Bulkhead
- Connection 87A (in Engine/Motor Compartment Wiring Harness)
- Refer to Applicable Wiring Diagram for Automatic Transmission
- For Vehicles Without Start/Stop System
- From June 2011



= white = black = red = red = brown = green = blue = grey = lilac = lilac = yellow = orange or

= pink

rs



Engine Coolant Level Sensor, Vehicle Electrical System Control Module, Engine/Motor Control Module

- E45 Cruise Control Switch
- G32 Engine Coolant Level Sensor
- J393 Comfort System Central Control Module
- J519 Vehicle Electrical System Control Module
- J527 Steering Column Electronics Control Module
- J623 Engine/Motor Control Module
- T2bg 2-Pin Connector
- T16e 16-Pin Connector, Black
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station. White
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
- T17i 17-Pin Connector, In the Left A-Pillar Connector Station, Black
- T32a 32-Pin Connector
- T32g 32-Pin Connector
- T91 91-Pin Connector, Black
- (410) Sensor Ground Connection 1 (in Main Wiring Harness)
- For Vehicles with Cruise Control System
- *2 For Vehicles with Automatic Transmission
- *3 For RHD Vehicles

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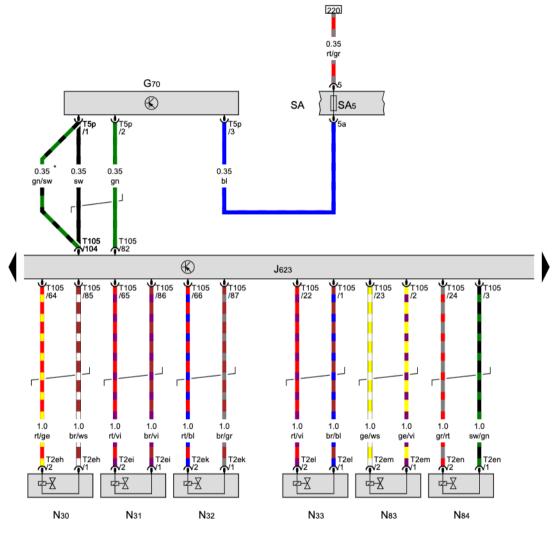
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Wiring Diagram



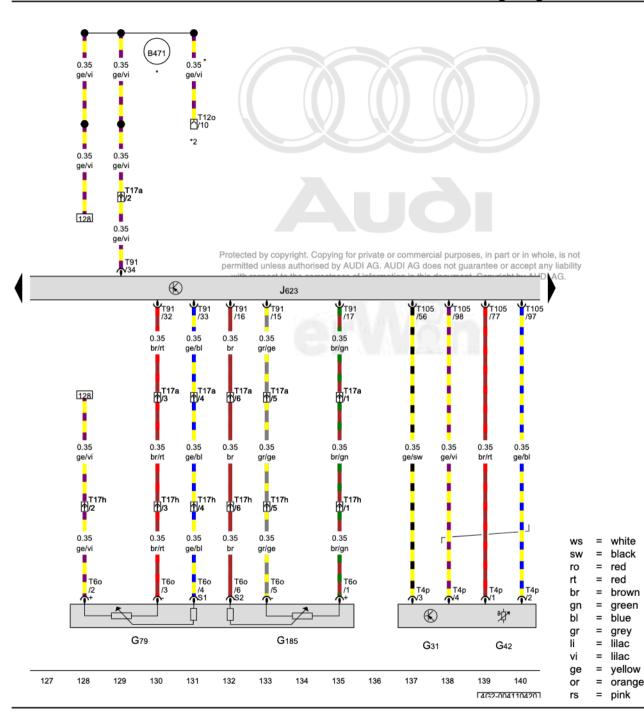
Mass Airflow Sensor, Engine/Motor Control Module, Cylinder 1 Fuel Injector

- G70 Mass Airflow Sensor
- J623 Engine/Motor Control Module
- N30 Cylinder 1 Fuel Injector
- N31 Cylinder 2 Fuel Injector
- N32 Cylinder 3 Fuel Injector
- N33 Cylinder 4 Fuel Injector
- 183 Cylinder 5 Fuel Injector
- 184 Cylinder 6 Fuel Injector
- SA Fuse Panel A
- SA5 Fuse 5 (On Fuse Panel A)
- T2eh 2-Pin Connector
- T2ei 2-Pin Connector
- T2ek 2-Pin Connector
- T2el 2-Pin Connector
- T2em 2-Pin Connector
- T2en 2-Pin Connector
- T5p 5-Pin Connector, Black
- T105 105-Pin Connector, Black
 - From June 2011



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= white = black = red ro = red = brown = green = blue bl = grey = lilac vi = lilac = yellow = orange or rs = pink



Charge Air Pressure Sensor, Intake Air Temperature Sensor, Accelerator Pedal Position Sensor, Engine/Motor Control Module

- G31 Charge Air Pressure Sensor
- G42 Intake Air Temperature Sensor
- G79 Accelerator Pedal Position Sensor
- G185 Accelerator Pedal Position Sensor 2
- J623 Engine/Motor Control Module
- T4p 4-Pin Connector
- T6o 6-Pin Connector, Black
- T12o 12-Pin Connector, Brown
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- T17h 17-Pin Connector, In the Left A-Pillar Connector Station, Red
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black
- B471 Connection 7 (in Main Wiring Harness)
 - * Through May 2011
- *2 For Vehicles with Special Functions Interface

*2 G247 G247 **(K) (K)** T3g /2 0.35 0.35 0.35 0.35 0.35 0.35 rt/gn gn/ge T105 /15 T105 V16 T105 V15 T105 V37 T105 V16 **(K) J**623 **J**_{T105} T105 /81 T105 T105 T105 /100 T105 /59 0.35 (D120) 1.0*2 1.0 *2 1.0 *2 1.0*2 0.35 0.35 1.0 1.0 0.35 0.35 1.0 0.35 gr/ws ws/ge ge/br ws/gn D122 opying | r private or commercial purposes, in part or in whole, is not Protested by sed by / JDI AG. UDI AG loes not juarante or accent any liability to the c rectnes of inforr ation in Lis docur ant. Cop right by UDI AG. = white = black 0.35 0.35 gr/ws gr/ws = red = red T5x T5w v4 T5x /3 T5x T5w T5w √2 T5w √3 = brown = green (K) **(K)** bl = blue = grey = lilac V157 **J**338 = lilac = yellow 142 143 145 147 149 150 151 152 153 154 = orange or 4G2-004120420 rs = pink

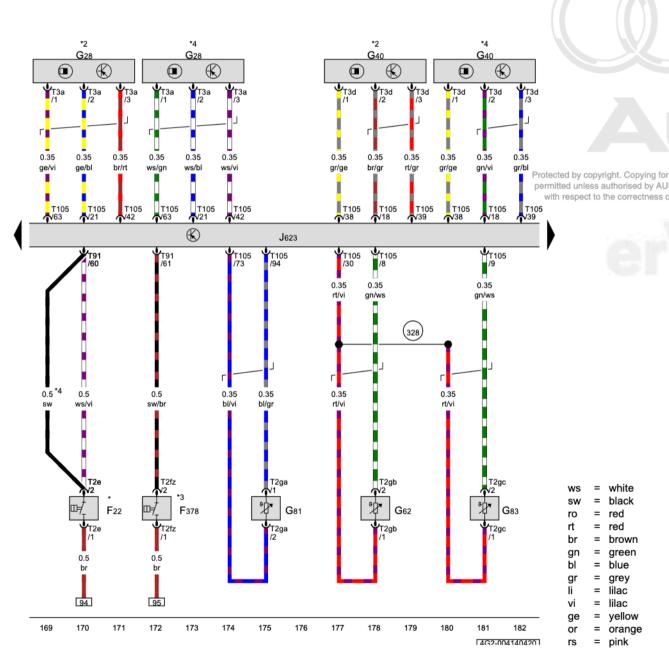
Fuel Pressure Sensor, Throttle Valve Control Module, Engine/Motor Control Module

- G247 Fuel Pressure Sensor J338 Throttle Valve Control Module
- J623 Engine/Motor Control Module
- T3g 3-Pin Connector
- T5w 5-Pin Connector, Black
- T5x 5-Pin Connector, Black
- T105 105-Pin Connector, Black
- V157 Intake Flap Motor
- D120 Connection 18 (in Engine/Motor Compartment Wiring Harness)
- (D122) Connection 20 (in Engine/Motor Compartment Wiring Harness)
- * Through May 2011
- *2 From June 2011

G505 (0.35 0.35 0.35 br/ws sw/ge T91 V65 T91 V81 T91 V48 **(K) J**623 T105 /78 T105 /57 T105 /58 T105 /43 0.5 0.5 sw/br otected by copyright. Copy ag for proate or commercial purposes, in part or in whole, is not ermitted Inless authorised by AUDI G. AUDI AG does not guarantee or accept any liability (167) ess of it ormation in this document. Copyright by AUDI AG. (D141 1.0 0.35 0.35 1.0 bl/ws gn/ge 0.35 1.0 0.35 0.35 sw/br T10I 11/3 T10I T10I 11/2 = white = black 0.35 1.0 0.35 0.35 sw/br sw/br br/rt gn/rt gn/ws ge = red = red T5y T5y √2 T5y V4 T6ao T6ao T6ao T6ao = brown = green **® ®** ♨ = blue = grey = lilac **J**724 G212 V338 = lilac = yellow 157 158 159 161 162 163 164 165 166 167 = orange or 4G2-004130420 = pink

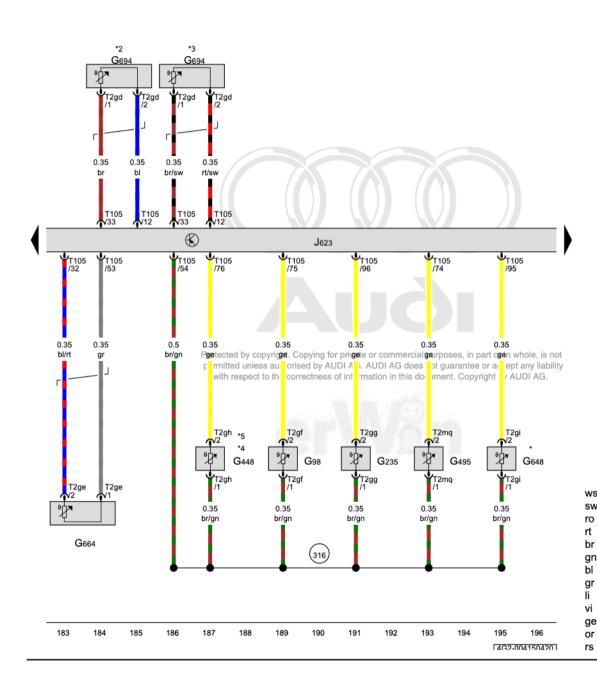
Differential Pressure Sensor, Engine/Motor Control Module, Turbocharger Control Module 1, EGR Motor

- G212 EGR Potentiometer
- G505 Differential Pressure Sensor
- J623 Engine/Motor Control Module
- J724 Turbocharger Control Module 1
- T3ar 3-Pin Connector
- 5y 5-Pin Connector, Black
- T6ao 6-Pin Connector
- T10I 10-Pin Connector, In the Engine/Motor Compartment, Right, Black
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black
- V338 EGR Motor
- Ground Connection 4 (in Engine/Motor Compartment Wiring Harness)
- (D141) Connection 5V (in Engine Pre-Wiring Harness)
- Not with Emissions Standard Euro 4



Oil Pressure Switch, Reduced Oil Pressure Switch, Engine Speed Sensor, Camshaft Position Sensor, Engine Coolant Temperature Sensor, Fuel Temperature Sensor, Engine Coolant Temperature Sensor on Radiator Outlet, Engine/ Motor Control Module

- F22 Oil Pressure Switch
- 378 Reduced Oil Pressure Switch
- G28 Engine Speed Sensor
- G40 Camshaft Position Sensor
- G62 Engine Coolant Temperature Sensor
- G81 Fuel Temperature Sensor
- G83 Engine Coolant Temperature Sensor on Radiator Outlet
- J623 Engine/Motor Control Module
- T2e 2-Pin Connector
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- permitted unless authorised by AUDI AT2gaDI24Pin Connectontee or accept any liability
- with respect to the correctness of iniT2gbon22Pin Connectoropyright by AUDI AG.
 - T2gc 2-Pin Connector
 - T3a 3-Pin Connector
 - T3d 3-Pin Connector
 - T91 91-Pin Connector, Black
 - T105 105-Pin Connector, Black
 - 328 Sensor Ground Connection 2 (in Engine/Motor Compartment Wiring Harness)
 - * 2.6 Bar
 - *2 Through May 2011
 - *3 0.9 Bar
 - *4 From June 2011



EGR Temperature Sensor, Exhaust Gas Temperature Sensor 1, Exhaust Gas Temperature Sensor 2, Oil Temperature Sensor 2, Engine Temperature Control Sensor, Engine/Motor Control Module

```
G98 EGR Temperature Sensor
G235 Exhaust Gas Temperature Sensor 1
G448 Exhaust Gas Temperature Sensor 2
G495 Exhaust Gas Temperature Sensor 3
G648 Exhaust Gas Temperature Sensor 4
G664 Oil Temperature Sensor 2
G694 Engine Temperature Control Sensor
J623 Engine/Motor Control Module
T2gd 2-Pin Connector
T2ge 2-Pin Connector
      2-Pin Connector
T2gg 2-Pin Connector
T2gh 2-Pin Connector
T2gi 2-Pin Connector
T2mg 2-Pin Connector
T105
      105-Pin Connector, Black
```

- Sensor Ground Connection 2 (in Engine Wiring Harness)
- Not with Emissions Standard Euro 4
- Through May 2011
- *3 From June 2011

= white = black

= red

= red

= brown

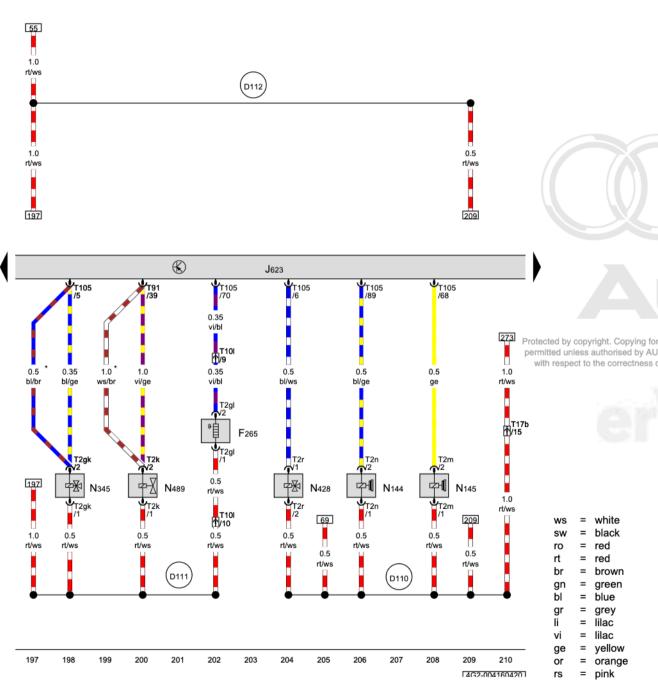
= green

= orange

= pink

= blue = grey = lilac = lilac = yellow

- *4 For Emissions Standard Euro 6
- Omitted as a Running Change



Map Controlled Engine Cooling Thermostat, Engine/Motor Control Module, Left Electrohydraulic Engine Mount Solenoid Valve, EGR Cooler Switch-Over Valve, Oil Pressure Regulation Valve, Cylinder Head Coolant Valve

```
F265 Map Controlled Engine Cooling Thermostat
                             J623 Engine/Motor Control Module
                             N144 Left Electrohydraulic Engine Mount Solenoid Valve
                             N145 Right Electrohydraulic Engine Mount Solenoid Valve
                             N345 EGR Cooler Switch-Over Valve
                             N428 Oil Pressure Regulation Valve
                             N489 Cylinder Head Coolant Valve
                             T2gk 2-Pin Connector
                              T2ql
                                    2-Pin Connector
                                    2-Pin Connector
                              T2m
                                    2-Pin Connector
                              T2n 2-Pin Connector
                                    2-Pin Connector
                                    10-Pin Connector, In the Engine/Motor Compartment, Right,
                             T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector
                                    Station, Red
                              T91
                                    91-Pin Connector, Black
                             T105 105-Pin Connector, Black
                             (D110) Connection 8 (in Engine/Motor Compartment Wiring Harness)
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From June 2011

4G2-004170420 l

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= pink

(D102) 0.35 0.75 0.35 0.35 gr/rt rt/gr rt/gr rt/gr $\|_{\mathsf{SA}_2}$ llsa7 llsa₁₁ 121 52 **₽**11a 0.35 0.75 0.35 br/rt ws/gn rt/gn 312 216 255 J623 To05ed by AUDI AG. AUDI AG does 159 guarantee or accept any liability 146 rectness of information in this do 176 ent. Copyright by £UDI AG. **₽**T105 permitted unless 1.0 (K) ae/rt ₽_{T4ak} T4ak T4ak T10I 1.0 0.75 0.35 0.35 0.35 0.35 rt/bl rt/sw rt/vi T17a T170 (199) N290 1.0 0.35 105 ws/gn rt/vi T10I = white = black 0.75 0.75 0.75 0.35 0.35 0.35 75 ws/gn ws/gn ws/gn rt/sw rt/sw rt/sw = red = red = brown D205 green = blue = grey = lilac 45 = lilac = yellow 212 213 214 215 216 217 218 219 220 221 222 223 = orange or

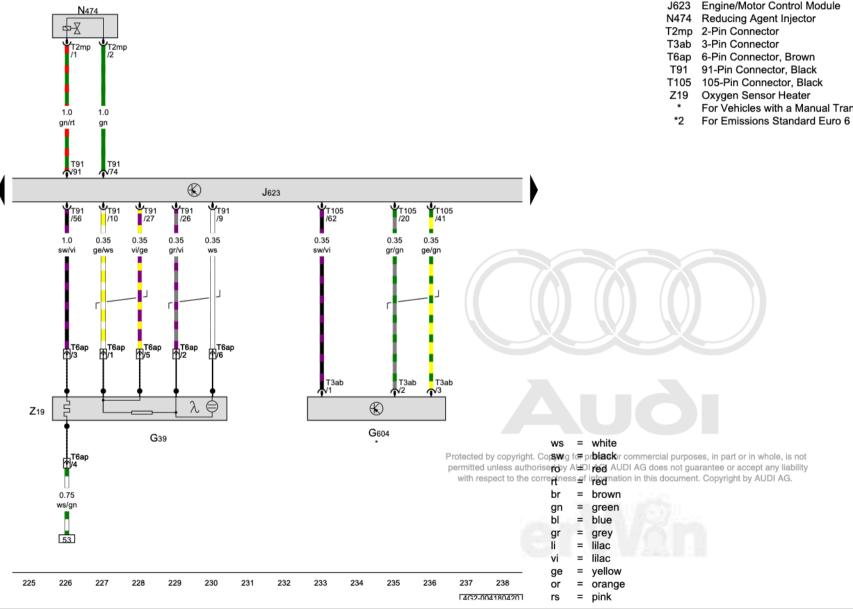
Brake Lamp Switch, Engine/Motor Control Module, Fuel Pressure Regulator Valve, Fuel Metering Valve

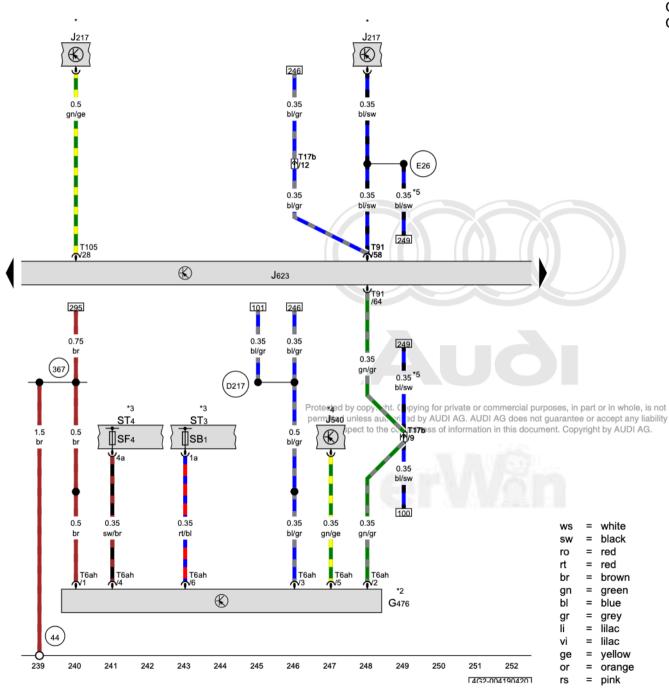
- F Brake Lamp Switch
- J623 Engine/Motor Control Module
- N276 Fuel Pressure Regulator Valve
- N290 Fuel Metering Valve
- SA Fuse Panel A
- SA2 Fuse 2 (On Fuse Panel A)
- SA7 Fuse 7 (On Fuse Panel A)
- SA11 Fuse 11 (On Fuse Panel A)
- T2gm 2-Pin Connector
- T2gn 2-Pin Connector
- T4ak 4-Pin Connector, Black
- T10I 10-Pin Connector, In the Engine/Motor Compartment, Right,
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- T17i 17-Pin Connector, In the Left A-Pillar Connector Station, Black
- T17o 17-Pin Connector, In the Connector Station, Right A-Pillar, Black
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black
- (45) Ground Connection Behind Instrument Panel, Center
- (199) Ground Connection 3 (in Instrument Panel Wiring Harness)
- (B335) Connection 54 (in Main Wiring Harness) 1
- (D102) Connection 2 (in Engine/Motor Compartment Wiring Harness)
- (D205) Connection 87A (in Engine Pre-Wiring Harness) 3
- * From June 2011

Heated Oxygen Sensor, Gear Recognition Sensor, Engine/ Motor Control Module, Reducing Agent Injector, Oxygen Sensor Heater



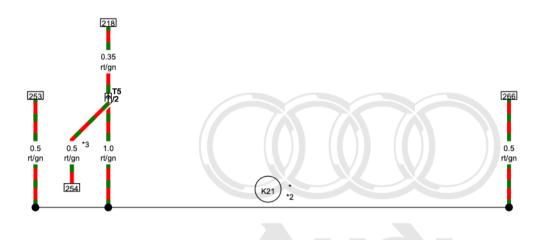
For Vehicles with a Manual Transmission

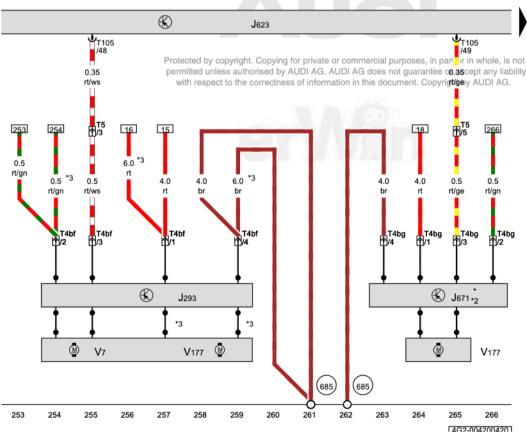




Clutch Position Sensor, Electromechanical Parking Brake Control Module, Engine/Motor Control Module

- G476 Clutch Position Sensor
- J217 Transmission Control Module
- J540 Electromechanical Parking Brake Control Module
- J623 Engine/Motor Control Module
- SB1 Fuse 1 (On Fuse Panel B)
- ST3 Fuse Panel 3
- SF4 Fuse 4 (On Fuse Panel F)
- ST4 Fuse Panel 4
- T6ah 6-Pin Connector
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black
- 44 Ground Connection on A-Pillar, Lower Left
- (367) Ground Connection 2 (in Main Wiring Harness)
- (D217) Selector Lever P/N Position Connection (in Main Wiring Harness)
- Selector Lever P/N Position Connection (in Motronic Multiform Fuel Injection Wiring Harness)
- * Refer to Applicable Wiring Diagram for Automatic Transmission
- *2 For Vehicles with a Manual Transmission
- *3 Refer to Applicable Wiring Diagram for Fuse Positions
- *4 Refer to Applicable Wiring Diagram
- *5 For Vehicles with Automatic Transmission





Radiator Fan Control Module, Engine/Motor Control Module, Radiator Fan Control Module 2

- J293 Radiator Fan Control Module
- J623 Engine/Motor Control Module
- J671 Radiator Fan Control Module 2
- T4bf 4-Pin Connector, Near the Radiator Fan
- T4bg 4-Pin Connector, Near the Radiator Fan
- T5 5-Pin Connector, In the Center Plenum Chamber, Black T105 105-Pin Connector, Black
- V7 Radiator Fan
- V177 Radiator Fan 2

whiteblack

= red = red

= brown = green

= blue = grey = lilac

= lilac = yellow

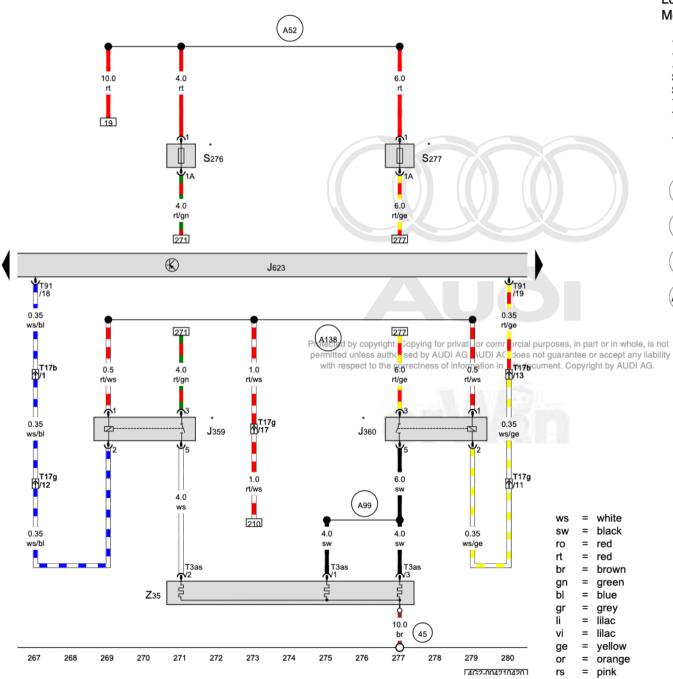
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or

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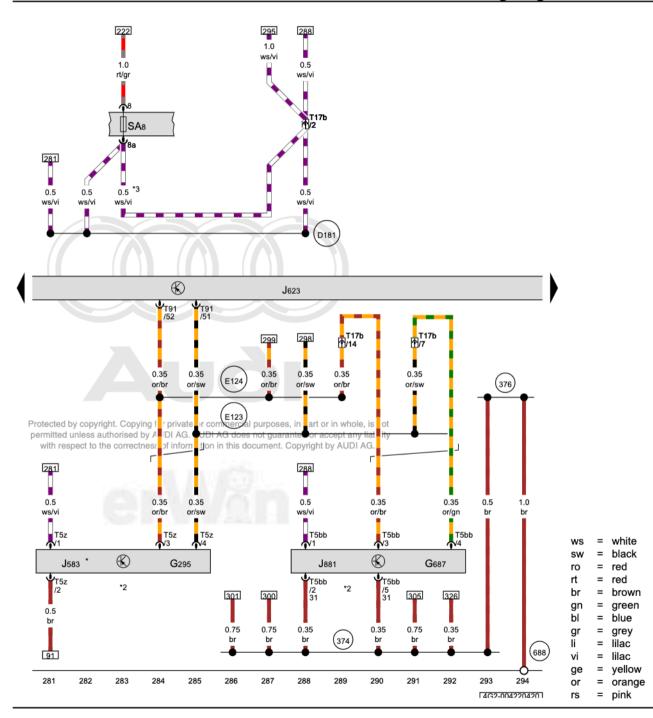
= orange

- 685 Ground Connection 1 on Right Front Longitudinal Member
- (K21) Connection 1 (in Radiator Fan Wiring Harness)
 - Version for Hot Climates
 - *2 For Vehicles with Trailer Socket
 - *3 For Vehicles with Tiptronic



Low Heat Output Relay, High Heat Output Relay, Engine/ Motor Control Module, Auxiliary Heater Heating Element

- J359 Low Heat Output Relay
- J360 High Heat Output Relay
- J623 Engine/Motor Control Module
- S276 Heating Element Fuse 1
- S277 Heating Element Fuse 2
- T3as 3-Pin Connector
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
- T17g 17-Pin Connector, In the Left A-Pillar Connector Station, Blue
- Γ91 91-Pin Connector, Black
- Z35 Auxiliary Heater Heating Element
- 45 Ground Connection Behind Instrument Panel, Center
- (A52) Positive Connection 2 (30) (in Instrument Panel Wiring Harness)
- (A99) Connection 87 (in Instrument Panel Wiring Harness) 1
- (A138) Connection 2 (in Instrument Panel Wiring Harness)
 - * Relay Panel Under the Instrument Panel, Left



NOx Sensor Control Module, Engine/Motor Control Module, NOx Sensor Control Module 2

- G295 NOx Sensor
- G687 NOx Sensor 2
- J583 NOx Sensor Control Module
- J623 Engine/Motor Control Module
- J881 NOx Sensor Control Module 2
- SA8 Fuse 8 (On Fuse Panel A)
- T5bb 5-Pin Connector
- Γ5z 5-Pin Connector
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station. Red
- T91 91-Pin Connector, Black
- (374) Ground Connection 9 (in Main Wiring Harness)
- 376 Ground Connection 11 (in Main Wiring Harness)
- (688) Ground Connection 2 on Center Tunnel
- Connection 2 (87A) (in Engine/Motor Compartment Wiring Harness)
- (E123) CAN Bus Drive High Connection 1 (in Engine Wiring Harness)
- (E124) CAN Bus Drive Low Connection 1 (in Engine Wiring Harness)
- * For Emissions Standard BIN5/ULEV
- *2 Through May 2013
- *3 For USA Only

385

₩_{T5z}

0.75

br

240

*2

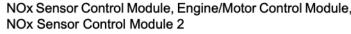
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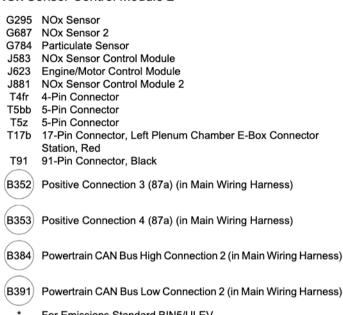
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299

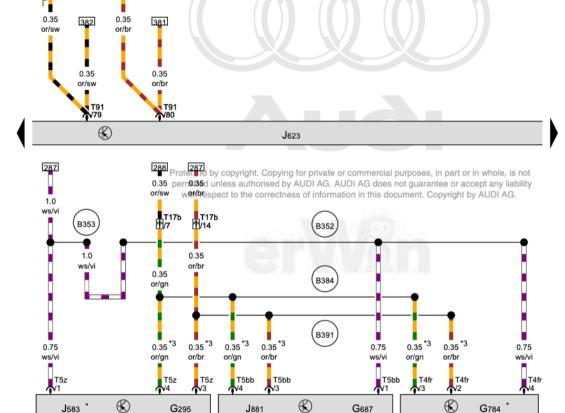
386

Wiring Diagram





- For Emissions Standard BIN5/ULEV
- From June 2013
- Data Bus Wire (CAN Bus)



₽T5bb

0.75

287

300

₽T5bb

0.75

301

*2

302

303

304

*2

307

4G2-004230420 I

0.75

br

291

305

306

ST₃ SB₂ Т17b М/3 0.35 0.35 2.5 rt/vi rt/vi rt/ws T91 V21 T6ar T6ar **® ® J**623 **J**538 **U**_{T6ar} 1.0 1.0 2.5 214 T4bh 0.35 *2 T4bh T4bh 0.35 0.35 vi/gr br/rt T4bh Notected by copyright. Copying for private or commercial purposes, in pare or in whole, is not nitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability ttG266 ect to the correctness of information in this documen b Copyrig by AUDI AG. (377) 0.75 4.0 92 (688) 310 311 312 313 314 315 316 317 318 319 320 321 322 or

Transfer Fuel Pump, Oil Level Thermal Sensor, Fuel Pump Control Module, Engine/Motor Control Module

- G6 Transfer Fuel Pump
 G266 Oil Level Thermal Sensor
 J538 Fuel Pump Control Module
 J623 Engine/Motor Control Module
 SB2 Fuse 2 (On Fuse Panel B)
- ST3 Fuse Panel 3
- T3m 3-Pin Connector, BlackT4bh 4-Pin Connector, BlackT6ar 6-Pin Connector, Black
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
- T91 91-Pin Connector, Black
- 377 Ground Connection 12 (in Main Wiring Harness)
- (688) Ground Connection 2 on Center Tunnel
- * Refer to Applicable Wiring Diagram for Fuse Positions
- *2 From June 2011

whiteblack

= red

= red = brown = green

= blue = grey

= lilac

= lilac = yellow

= pink

rs

4G2-004240420

= orange

*2 *2 *2 ST₃ ∭SF4 ∭SB4 ∏SF6 B298 2.5 0.75 0.35 0.35 rt/sw rt/br ws/vi T8an T8an T8an T8an **(K)** J963 J880 * 2.5 0.35 rt/ge (371) (взо1 Protected by copyright. Copying for private or commercial pull oses, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this docur ent. Copyright by AUDI AG. (34) 324 325 326 327 328 329 330 331 332 333 335 or 4G2-004250420 rs

Reducing Agent Metering System Control Module, Reducing Agent Metering System Relay

- J880 Reducing Agent Metering System Control Module
- J963 Reducing Agent Metering System Relay
- ST3 Fuse Panel 3
- SB4 Fuse 4 (On Fuse Panel B)
- SF4 Fuse 4 (On Fuse Panel F)
- ST5 Fuse Panel 5
- SF6 Fuse 6 (On Fuse Panel F)
- T8an 8-Pin Connector

= white = black = red = red = brown = green = blue = grey = lilac

= lilac = yellow

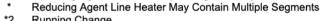
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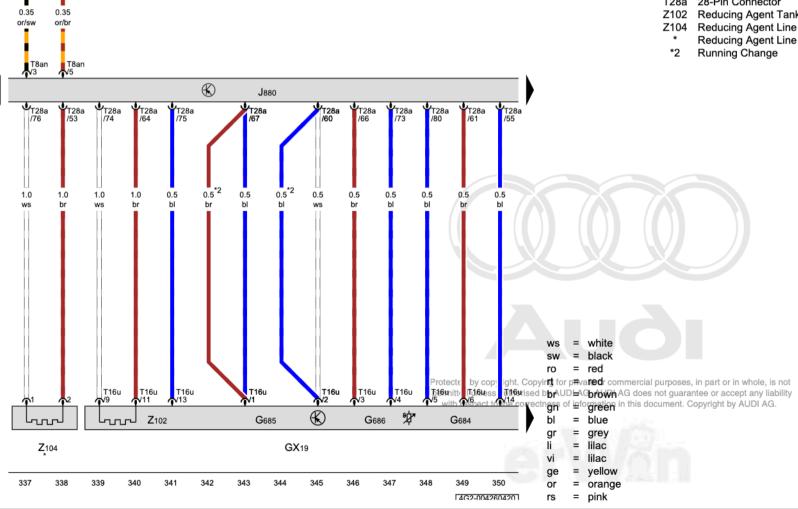
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- 34 Ground Connection Under Driver Seat
- (371) Ground Connection 6 (in Main Wiring Harness)
- (B298) Positive Connection 2 (30) (in Main Wiring Harness)
- (B301) Positive Connection 5 (30) (in Main Wiring Harness)
 - * For Emissions Standard Euro 6
- *2 Refer to Applicable Wiring Diagram for Fuse Positions

Reducing Agent Tank Sensor, Reducing Agent Temperature Sensor, Reducing Agent Metering System Pressure Sensor, Reducing Agent Metering System Control Module, Reducing Agent Tank Heater (Heating Circuit 1), Reducing Agent Line Heater (Heating Circuit 2)

```
GX19 Reducing Agent Metering System Delivery Unit
G684 Reducing Agent Tank Sensor
G685 Reducing Agent Temperature Sensor
Reducing Agent Metering System Pressure Sensor
J880 Reducing Agent Metering System Control Module
T8an 8-Pin Connector
T16u 16-Pin Connector
T28a 28-Pin Connector
T2102 Reducing Agent Tank Heater (Heating Circuit 1)
Reducing Agent Line Heater May Contain Multiple Segment
```





Reducing Agent Metering System Control Module, Reducing Agent Pump

GX19 Reducing Agent Metering System Delivery Unit J880 Reducing Agent Metering System Control Module

T16u 16-Pin ConnectorT28a 28-Pin ConnectorV437 Reducing Agent Pump



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= lilac = yellow

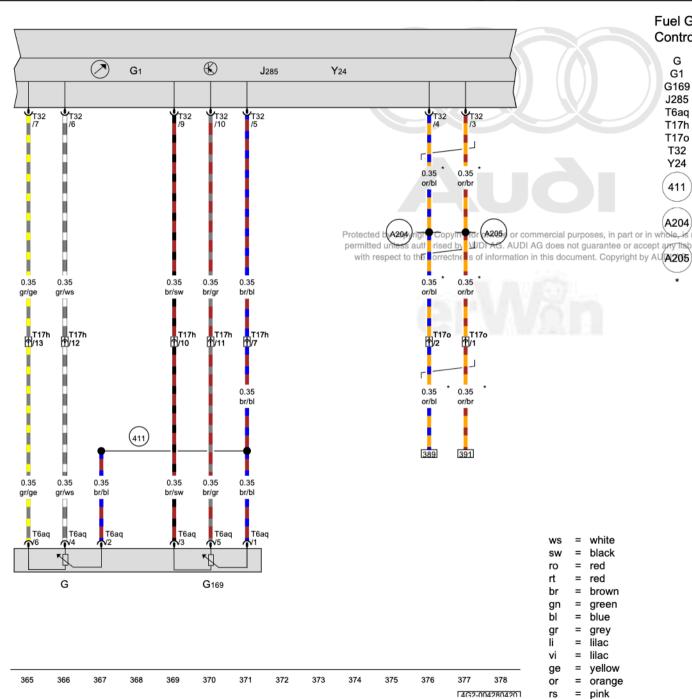
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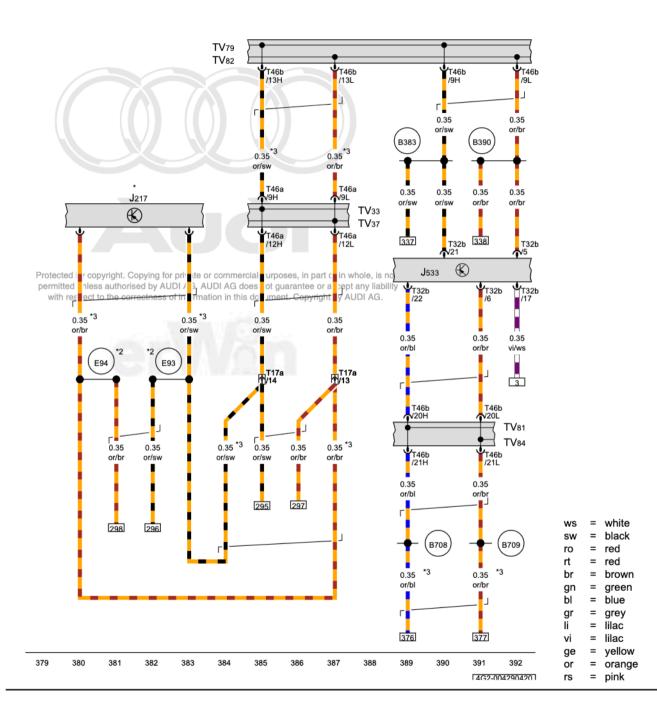
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351 352 353 354 355 356 357 358 359 360 361 362 363 364



Fuel Gauge, Fuel Level Sensor 2, Instrument Cluster Control Module

- G Fuel Level Sensor
- G1 Fuel Gauge
- G169 Fuel Level Sensor 2
- J285 Instrument Cluster Control Module
- T6ag 6-Pin Connector, Black
- T17h 17-Pin Connector, In the Left A-Pillar Connector Station, Red
- T17o 17-Pin Connector, In the Connector Station, Right A-Pillar, Black
- T32 32-Pin Connector
- Y24 Display Unit in Instrument Cluster
- 411 Sensor Ground Connection 2 (in Main Wiring Harness)
- Instrument Cluster CAN Bus High Connection (in Instrument
 - Instrument Cluster CAN Bus Low Connection (in Instrument Panel Wiring Harness)
 - Data Bus Wire (CAN Bus)



Data Bus on Board Diagnostic Interface, Powertrain CAN Bus High Wire Junction, Powertrain CAN Bus High Wire Junction 2, Instrument Cluster CAN Bus High Wire Junction 2

- J217 Transmission Control Module
- J533 Data Bus on Board Diagnostic Interface
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station. White
- T32b 32-Pin Connector
- T46a 46-Pin Connector, Black
- T46b 46-Pin Connector, Black
- TV33 Powertrain CAN Bus High Wire Junction
- V37 Powertrain CAN Bus Low Wire Junction
- TV79 Powertrain CAN Bus High Wire Junction 2
- TV81 Instrument Cluster CAN Bus High Wire Junction 2
- TV82 Powertrain CAN Bus Low Wire Junction 2
- V84 Instrument Cluster CAN Bus Low Wire Junction 2
- (B383) Powertrain CAN Bus High Connection 1 (in Main Wiring Harness)
- (B390) Powertrain CAN Bus Low Connection 1 (in Main Wiring Harness)
- B708 Instrument Cluster CAN Bus High Connection 1 (in Main Wiring Harness)
- B709 Instrument Cluster CAN Bus Low Connection 1 (in Main Wiring Harness)
- (E93) CAN Bus High Connection 1 (in Engine Wiring Harness)
- (E94) CAN Bus Low Connection 1 (in Engine Wiring Harness)
 - * Refer to Applicable Wiring Diagram for Automatic Transmission
- *2 For Vehicles with Automatic Transmission
- 3 Data Bus Wire (CAN Bus)